

WHAT IS CLAIMED IS:

1. A retractable ladder assembly comprising:

upper section (12), comprising upper section front portion (12F), and upper portion rear portion (12R), the upper section (12) tapered towards the top thereof for the purpose of enhanced stability of the assembly,

retractable lower section (14), comprising retractable lower section front portion (14F), and retractable lower section rear portion (14R), retractable lower section (14) slidingly engaged by upper section (12), and able to be extended downwardly therefrom,

plurality of apertures (16) located along left and right sides of upper section (12) and left and right sides of retractable lower section (14), the apertures designed to receive locking pins with pull rings (18), comprising extended locking members (18A) at a distal end thereof, the locking pins affixed to the assembly such that the locking pins may not be misplaced by a user;

a plurality of concentric legs (20) extending downwardly to engage a floor or ground surface,

a plurality of pre-fabricated steps (22) located along at least the upper section front portion (12F) and retractable lower section front portion (14F), with diagonal cross brace members beneath each step, for the purpose of providing additional stability and support for the assembly;

a friction reducing means in at least one section of the assembly for the purpose of user safety;

and an upper portion (24) of the assembly upon which a user may place tools and implements,

the assembly functioning to allow a user to extend a collapsible, folding ladder and lock the ladder in extended position, allowing the user to reach ceilings and high areas in a safe and stable manner, from even or uneven surfaces.

2. The retractable ladder assembly as described in claim 1, wherein the retractable ladder comprises a plurality of steps on both a front side and rear side thereof, for the purpose of commercial usage.

3. The retractable ladder assembly as described in claim 1, wherein the assembly is manufactured of materials selected from the group consisting of aluminum and composite.

4. The retractable ladder assembly as described in claim 1, wherein the assembly is manufactured of a non-conductive material, rendering the assembly suitable for usage by utility companies and industrial applications.

5. The retractable ladder assembly as described in claim 1, wherein the plurality of steps are welded in position.
6. The retractable ladder assembly as described in claim 1, wherein the plurality of steps are riveted in position.
7. The retractable ladder assembly as described in claim 1, wherein the ladder is of a height of five feet in retracted position and eight feet in extended position.
8. The retractable ladder assembly as described in claim 1, wherein the ladder is of a height of eight feet in retracted position and eleven feet in extended position.
9. The retractable ladder assembly as described in claim 1, wherein the ladder is of a width in the range of twenty-four to thirty-six inches.
10. The retractable ladder assembly as described in claim 1, wherein each of the plurality of apertures is spaced four inches apart from one another.
11. The retractable ladder assembly as described in claim 1, wherein the assembly further comprises text, graphics, and indicia thereon.

12. The retractable ladder assembly as described in claim 1, wherein previously determined tool accessories and trays are removably affixed to the assembly for the purpose of enhanced user convenience.